



ALS Canada Ltd.  
2103 Dollarton Hwy  
North Vancouver BC V7H 0A7  
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: SILVER RANGE RESOURCES LTD.

C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

1016-510 W HASTINGS ST  
VANCOUVER BC V6B 1L8

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Finalized Date: 20-AUG-2012

Account: RANSIL

**CERTIFICATE WH12177493**

Project: KEG (Group 7)

P.O. No.:

This report is for 16 Rock samples submitted to our lab in Whitehorse, YT, Canada on 31-JUL-2012.

The following have access to data associated with this certificate:

MATT DUMALA

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
SPL-21	Split sample - riffle splitter
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
ME-MS61	48 element four acid ICP-MS	
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE

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ATTN: JOAN MARIACHER

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12177493**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
M676751		0.96	<0.005	0.78	6.54	21	150	1.50	1.76	12.45	11.55	77.1	17.0	39	3.52	183.5
M676752		0.79	<0.005	0.40	6.00	11	250	0.84	0.22	10.25	18.75	70.2	6.2	40	4.21	32.9
M676753		0.94	<0.005	39.7	5.33	8.2	30	3.91	80.8	9.28	90.9	37.3	9.4	35	1.14	681
M676081		0.85	0.424	14.85	2.17	>10000	190	0.89	16.60	0.82	0.62	43.2	161.5	25	17.60	1445
M676082		0.96	<0.005	1.07	8.57	560	890	2.41	0.87	2.40	0.68	72.3	13.5	80	19.50	157.5
M676083		1.11	<0.005	0.13	7.00	296	80	3.30	3.16	0.34	0.18	7.69	0.7	6	13.00	8.2
M676084		0.54	<0.005	6.03	9.32	79	120	3.89	0.55	14.90	3.00	38.9	11.3	22	5.65	972
M676085		0.89	<0.005	0.23	5.73	36.6	450	1.59	0.23	7.54	0.34	59.5	9.4	45	3.50	27.2
M676087		0.98	<0.005	76.4	2.20	107.0	10	1.95	140.5	3.87	42.5	16.40	7.1	11	0.57	15.3
M676088		0.77	<0.005	42.1	5.05	13.8	20	2.59	73.5	6.65	1.92	69.8	9.6	54	0.69	3.3
M676089		0.79	<0.005	0.67	4.51	17	80	1.01	2.05	13.30	40.7	35.8	4.6	21	1.85	8.0
M676090		0.57	<0.005	0.71	6.90	11.0	180	0.90	0.79	7.24	0.42	78.2	6.3	51	2.64	35.1
M676091		0.50	<0.005	0.21	4.43	8.5	200	0.95	0.28	6.73	0.49	48.4	4.9	32	9.83	37.1
M676092		0.32	<0.005	0.27	7.09	45.5	370	1.38	0.30	0.44	0.10	83.6	12.1	60	11.55	115.5
M676093		1.16	<0.005	0.31	4.99	24	650	1.30	0.33	13.30	0.24	62.7	15.5	46	4.24	8.4
M676094		1.22	<0.005	2.20	7.65	51.1	1050	1.67	0.84	9.09	1.24	158.0	38.8	339	10.10	207



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**CERTIFICATE OF ANALYSIS WH12177493**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
M676751		8.00	15.85	0.19	1.5	0.193	1.33	36.8	53.3	3.25	5850	0.36	0.12	9.7	38.1	890
M676752		6.51	13.70	0.14	1.2	0.269	2.45	36.1	25.3	3.44	3290	0.84	0.24	10.1	20.0	540
M676753		5.55	18.60	0.17	1.1	6.65	0.03	20.3	18.0	0.95	4270	6.90	0.01	13.1	11.0	340
M676081		24.5	6.64	0.84	0.7	0.461	0.79	22.2	15.9	0.24	795	3.76	0.05	6.2	278	60
M676082		7.08	20.6	0.24	2.1	0.142	4.13	36.1	115.0	1.11	1660	1.46	0.50	16.5	35.0	560
M676083		0.74	16.75	0.09	1.1	0.024	3.55	3.5	83.7	0.05	217	0.28	2.21	16.2	0.9	890
M676084		7.93	33.7	0.22	0.8	0.423	0.50	21.4	36.9	0.94	3860	1.51	0.03	6.3	27.5	690
M676085		2.84	14.20	0.08	1.5	0.040	1.21	32.9	56.4	1.20	439	0.73	0.38	10.3	22.2	400
M676087		2.20	8.79	0.11	0.1	0.474	0.02	8.6	22.4	0.27	1660	11.30	0.11	1.0	2.5	180
M676088		3.81	18.75	0.09	1.7	0.592	0.04	38.4	55.7	1.56	1780	0.29	0.02	15.3	25.3	450
M676089		7.78	12.20	0.11	1.3	0.365	0.37	16.7	11.5	3.74	5700	0.25	0.05	6.4	11.3	880
M676090		12.60	16.85	0.28	1.5	0.239	1.62	39.0	43.5	1.88	7600	0.33	0.27	11.1	14.1	640
M676091		13.95	11.30	0.26	0.7	0.824	0.80	25.8	24.1	1.46	7800	0.32	0.11	7.5	6.6	250
M676092		17.90	17.70	0.46	1.5	0.634	1.98	44.9	90.0	0.69	5120	0.37	0.02	14.2	23.8	440
M676093		5.55	10.50	0.12	1.4	0.083	0.86	30.6	20.3	4.18	1340	2.14	0.76	11.5	50.6	1940
M676094		6.19	15.80	0.23	3.0	0.080	1.56	83.3	94.6	5.95	1140	1.11	0.39	83.9	201	3190



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**CERTIFICATE OF ANALYSIS WH12177493**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M676751		88.6	73.8	<0.002	0.03	7.26	8.6	2	17.6	113.0	0.76	0.05	13.8	0.272	0.32	2.4
M676752		88.0	111.0	<0.002	0.37	1.30	8.3	2	9.8	158.5	0.75	<0.05	13.7	0.267	0.48	2.1
M676753		5290	2.5	0.002	0.34	15.60	4.7	30	108.0	309	0.67	0.16	7.7	0.164	0.33	1.5
M676081		51.0	52.4	0.004	6.24	72.9	3.8	69	4.3	26.4	0.43	30.8	7.9	0.127	0.81	1.4
M676082		56.0	196.5	0.002	0.10	2.31	13.9	2	5.0	131.0	1.25	0.11	15.1	0.400	1.96	3.1
M676083		32.3	269	<0.002	0.01	1.20	4.5	1	9.4	30.5	5.57	0.05	2.0	0.031	1.43	3.9
M676084		55.3	40.3	0.002	0.01	19.95	6.6	2	10.6	827	0.48	<0.05	5.4	0.127	0.36	1.7
M676085		22.7	73.0	<0.002	0.01	4.51	8.4	1	1.4	331	0.79	<0.05	10.3	0.222	0.47	2.4
M676087		>10000	1.2	<0.002	0.09	6.49	4.5	37	10.0	157.0	0.05	1.36	1.2	0.015	0.12	1.4
M676088		4460	3.9	0.002	<0.01	14.60	9.1	4	29.9	308	1.15	0.47	12.5	0.283	0.05	4.3
M676089		95.8	20.6	<0.002	<0.01	11.15	4.4	2	42.9	197.5	0.47	0.05	10.6	0.161	0.13	2.0
M676090		38.5	73.3	<0.002	0.97	0.56	9.4	2	5.2	159.0	0.83	0.09	14.1	0.308	0.30	1.8
M676091		16.6	52.3	<0.002	0.14	0.85	8.3	1	29.2	71.6	0.54	0.08	8.8	0.194	0.29	1.3
M676092		9.1	140.0	<0.002	0.25	0.25	11.0	1	10.1	20.8	1.04	0.12	13.1	0.322	0.66	2.6
M676093		42.9	40.4	0.006	0.01	1.81	8.1	1	3.3	963	0.80	<0.05	9.8	0.232	0.31	5.2
M676094		29.6	104.0	0.002	0.08	6.08	34.7	3	29.3	730	5.45	0.06	8.7	1.290	0.80	2.0



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**CERTIFICATE OF ANALYSIS WH12177493**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Pb-OG62 Pb % 0.001
M676751		48	3.8	17.8	3130	50.1	
M676752		40	1.3	11.5	7840	40.4	
M676753		40	3.8	9.1	5310	31.3	
M676081		20	2.0	12.1	50	22.4	
M676082		109	2.8	18.4	102	71.7	
M676083		2	1.9	6.7	41	21.3	
M676084		86	3.2	25.4	255	27.3	
M676085		64	1.5	16.4	75	51.6	
M676087		31	2.2	11.8	6310	2.3	1.480
M676088		88	67.7	18.8	499	51.5	
M676089		21	2.4	16.1	6270	39.5	
M676090		46	1.8	20.0	80	46.6	
M676091		34	2.5	12.5	86	22.9	
M676092		51	2.2	16.3	21	49.8	
M676093		194	1.4	20.5	74	46.2	
M676094		238	3.1	33.1	356	117.0	



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Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.